

R. Schewartzman

1805

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/915,004

DATE: 11/30/97
TIME: 14:01:04

INPUT SET: S21826.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

1
2
3 (1) General Information:
4 (i) APPLICANT: GOTO, Masaaki
5 TSUDA, Eisuke
6 MOCHIZUKI, Shin'ichi
7 YANO, Kazuki
8 KOBAYASHI, Fumie
9 SHIMA, Nobuyuki
10 YASUDA, Hisataka
11 NAKAGAWA, Nobuaki
12 MORINAGA, Tomonori
13 UEDA, Masatsugu
14 HIGASHIO, Kanji
15
16 (ii) TITLE OF INVENTION: Novel Proteins and Methods for Producing
17 the Proteins
18
19 (iii) NUMBER OF SEQUENCES: 108
20
21 (iv) CORRESPONDENCE ADDRESS:
22 (A) ADDRESSEE: Testa, Hurwitz & Thibeault
23 (B) STREET: 125 High St.
24 (C) CITY: Boston
25 (D) STATE: MA
26 (E) COUNTRY: USA
27 (F) ZIP: 02110
28
29 (v) COMPUTER READABLE FORM:
30 (A) MEDIUM TYPE: Floppy disk
31 (B) COMPUTER: IBM PC compatible
32 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
33 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
34
35 (vi) CURRENT APPLICATION DATA:
36 (A) APPLICATION NUMBER:
37 (B) FILING DATE:
38 (C) CLASSIFICATION:
39
40 (vii) PRIOR APPLICATION DATA:
41 (A) APPLICATION NUMBER: JP 54977/1995
42 (B) FILING DATE: 20-FEB-1995
43
44 (vii) PRIOR APPLICATION DATA:
45 (A) APPLICATION NUMBER: JP 207508/1995
46

3
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12-5-97

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/915,004DATE: 11/30/97
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47 (B) FILING DATE: 21-JUL-1995
48
49 (vii) PRIOR APPLICATION DATA:
50 (A) APPLICATION NUMBER: PCT/JP96/00374
51 (B) FILING DATE: 20-FEB-1996
52
53 (viii) ATTORNEY/AGENT INFORMATION:
54 (A) NAME: CAMPBELL, Paula A.
55 (B) REGISTRATION NUMBER: 32,503
56 (C) REFERENCE/DOCKET NUMBER: FJN-060
57
58 (ix) TELECOMMUNICATION INFORMATION:
59 (A) TELEPHONE: (617) 248-7000
60 (B) TELEFAX: (617) 248-7100
61
62 (2) INFORMATION FOR SEQ ID NO:1:
63
64 (i) SEQUENCE CHARACTERISTICS:
65 (A) LENGTH: 6 amino acids
66 (B) TYPE: amino acid
67 (C) STRANDEDNESS:
68 (D) TOPOLOGY: linear
69
70 (ii) MOLECULE TYPE: peptide
71
72
73 (ix) FEATURE:
74 (A) NAME/KEY: Peptide
75 (B) LOCATION: 1..6
76 (D) OTHER INFORMATION: /note= "(an internal amino acid
77 sequence of the protein)"
78
79
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
81
82 Xaa Tyr His Phe Pro Lys
83 1 5
84
85 (2) INFORMATION FOR SEQ ID NO:2:
86
87 (i) SEQUENCE CHARACTERISTICS:
88 (A) LENGTH: 14 amino acids
89 (B) TYPE: amino acid
90 (C) STRANDEDNESS:
91 (D) TOPOLOGY: linear
92
93 (ii) MOLECULE TYPE: peptide
94
95
96 (ix) FEATURE:
97 (A) NAME/KEY: Peptide
98 (B) LOCATION: 1..14
99

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100 (D) OTHER INFORMATION: /note= "(an internal amino acid
101 sequence of the protein)"
102
103
104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
105 Xaa Gln His Ser Xaa Gln Glu Gln Thr Phe Gln Leu Xaa Lys
106 1 5 10
107
108
109 (2) INFORMATION FOR SEQ ID NO:3:
110
111 (i) SEQUENCE CHARACTERISTICS:
112 (A) LENGTH: 12 amino acids
113 (B) TYPE: amino acid
114 (C) STRANDEDNESS:
115 (D) TOPOLOGY: linear
116
117 (ii) MOLECULE TYPE: peptide
118
119
120 (ix) FEATURE:
121 (A) NAME/KEY: Peptide
122 (B) LOCATION: 1..12
123 (D) OTHER INFORMATION: /note= "(an internal amino acid
124 sequence of the protein)"
125
126
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
128 Xaa Ile Arg Phe Leu His Ser Phe Thr Met Tyr Lys
129 1 5 10
130
131
132 (2) INFORMATION FOR SEQ ID NO:4:
133
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 380 amino acids
136 (B) TYPE: amino acid
137 (C) STRANDEDNESS:
138 (D) TOPOLOGY: linear
139
140 (ii) MOLECULE TYPE: protein
141
142
143 (ix) FEATURE:
144 (A) NAME/KEY: Protein
145 (B) LOCATION: 1..380
146 (D) OTHER INFORMATION: /note= "(OCIF protein without
147 signal peptide)"
148
149
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
151 Glu Thr Phe Pro Pro Lys Tyr Leu His Tyr Asp Glu Glu Thr Ser His
152

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	1	5	10	15
153				
154	Gln	Leu	Leu	Cys
155	Asp	Lys	Cys	Pro
156	20	25	30	
157	Cys	Thr	Ala	Lys
158	Trp	Lys	Thr	Val
159	35	40	45	
160	Cys	Thr	Asp	Ser
161	Trp	His	Ser	Asp
162	50	55	60	
163	Val	Cys	Lys	Glu
164	Leu	Gln	Tyr	Val
165	70	75	80	
166	Cys	Asn	Arg	Thr
167	Glu	Val	Cys	His
168	85	90	95	
169	Cys	Leu	Lys	Arg
170	His	Arg	Ser	Pro
171	100	105	110	
172	Gly	Thr	Pro	Glu
173	Arg	Asn	Glu	Arg
174	Asn	Thr	Val	Cys
175	115	120	125	
176	Phe	Ser	Asn	Glu
177	Thr	Ser	Ser	lys
178	130	135	140	
179	Cys	Ser	Val	Phe
180	Gly	Leu	Leu	Leu
181	Thr	Gln	Lys	Gly
182	145	150	155	160
183	Asp	Asn	Ile	Cys
184	165	170	175	
185	Asp	Val	Thr	Leu
186	Cys	Glu	Glu	Ala
187	180	185	190	
188	Phe	Thr	Pro	Asn
189	195	200	205	
190	Lys	Phe	Trp	Leu
191	Thr	Pro	Asn	Trp
192	210	215	220	
193	Ser	Gln	Glu	Gln
194	Glu	Gln	Thr	Phe
195	225	230	235	240
196	Lys	Asp	Gln	Asp
197	Ile	Ile	Ile	Ile
198	245	250	255	
199	Glu	Asn	Ser	Val
200	260	265	270	
201	Gln	Arg	Gly	His
202	265	270	275	
203	Asn	His	Ile	Gly
204	Leu	Asn	Gly	Ala
205	275	280	285	

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206 Glu Asp Ile Glu Lys Thr Ile Lys Ala Cys Lys Pro Ser Asp Gln Ile
207 290 295 300
208 Leu Lys Leu Leu Ser Leu Trp Arg Ile Lys Asn Gly Asp Gln Asp Thr
209 305 310 315 320
210
211 Leu Lys Gly Leu Met His Ala Leu Lys His Ser Lys Thr Tyr His Phe
212 325 330 335
213
214 Pro Lys Thr Val Thr Gln Ser Leu Lys Lys Thr Ile Arg Phe Leu His
215 340 345 350
216
217 Ser Phe Thr Met Tyr Lys Leu Tyr Gln Lys Leu Phe Leu Glu Met Ile
218 355 360 365
219
220 Gly Asn Gln Val Gln Ser Val Lys Ile Ser Cys Leu
221 370 375 380
222
223 (2) INFORMATION FOR SEQ ID NO:5:
224
225 (i) SEQUENCE CHARACTERISTICS:
226 (A) LENGTH: 401 amino acids
227 (B) TYPE: amino acid
228 (C) STRANDEDNESS:
229 (D) TOPOLOGY: linear
230
231 (ii) MOLECULE TYPE: protein
232
233
234 (ix) FEATURE:
235 (A) NAME/KEY: Protein
236 (B) LOCATION: 1..380
237 (D) OTHER INFORMATION: /note= "(OCIF protein)"
238
239 (ix) FEATURE:
240 (A) NAME/KEY: Peptide
241 (B) LOCATION: -21..0
242 (D) OTHER INFORMATION: /note= "(signal peptide)"
243
244
245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
246
247 Met Asn Asn Leu Leu Cys Cys Ala Leu Val Phe Leu Asp Ile Ser Ile
248 -20 -15 -10
249
250 Lys Trp Thr Thr Gln Glu Thr Phe Pro Pro Lys Tyr Leu His Tyr Asp
251 -5 1 5 10
252
253 Glu Glu Thr Ser His Gln Leu Leu Cys Asp Lys Cys Pro Pro Gly Thr
254 15 20 25
255
256 Tyr Leu Lys Gln His Cys Thr Ala Lys Trp Lys Thr Val Cys Ala Pro
257 30 35 40
258

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SEQUENCE VERIFICATION REPORT
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